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US. Patent Application No. 10/773,949

Docket No. 3054-055

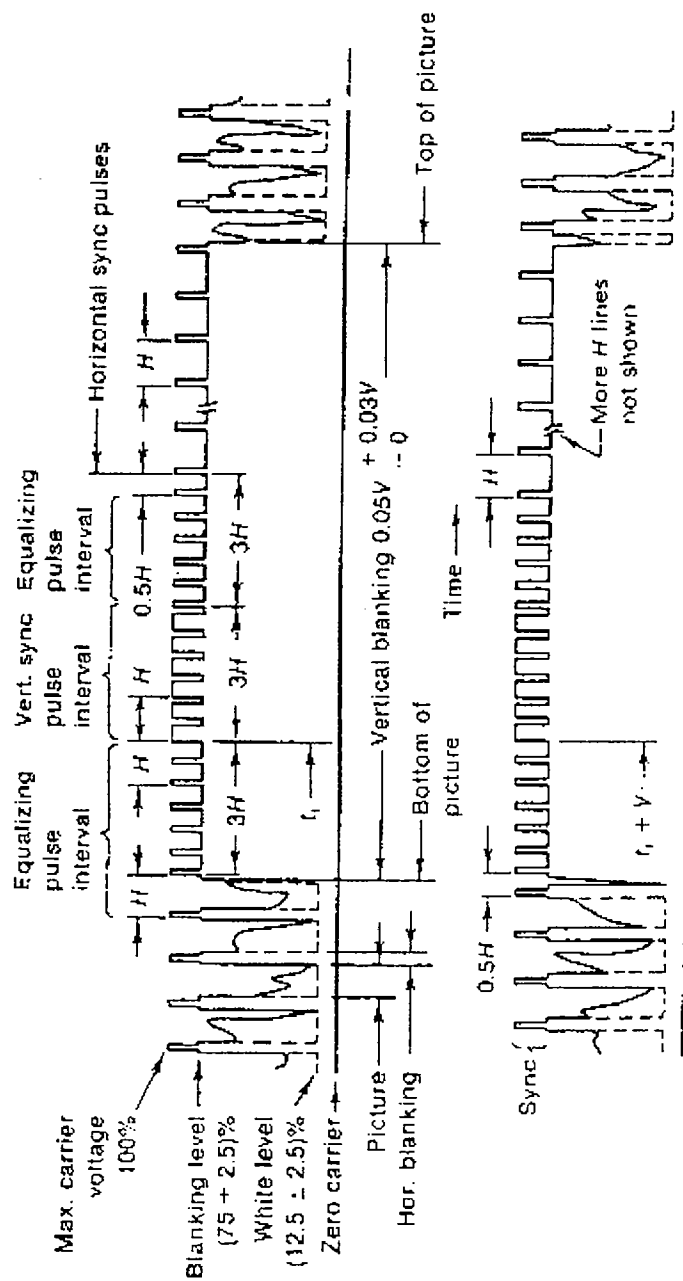


FIGURE 1

PRIOR ART

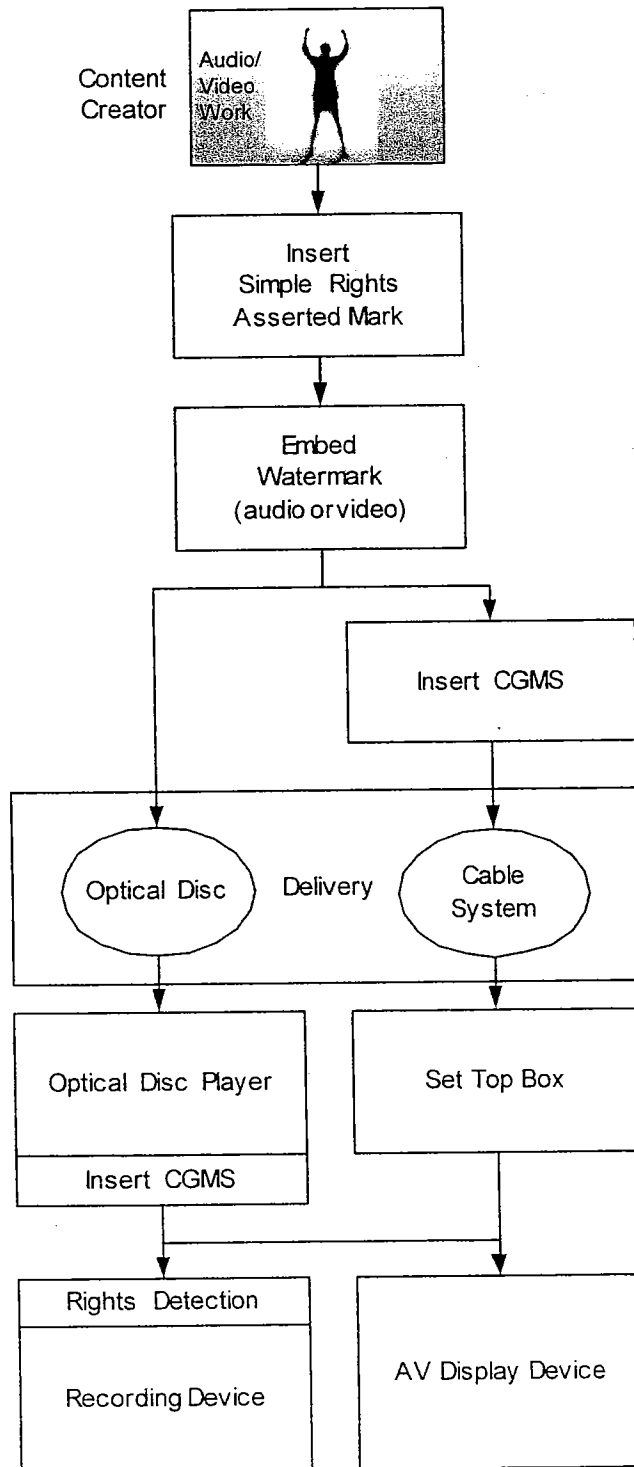


FIGURE 3

PRIOR ART

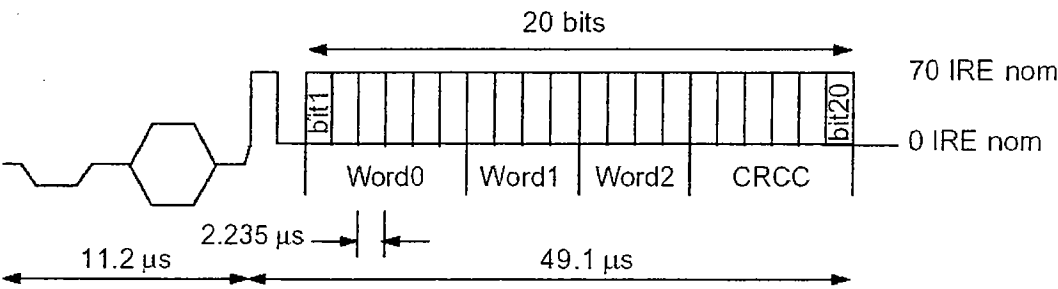


FIGURE 2

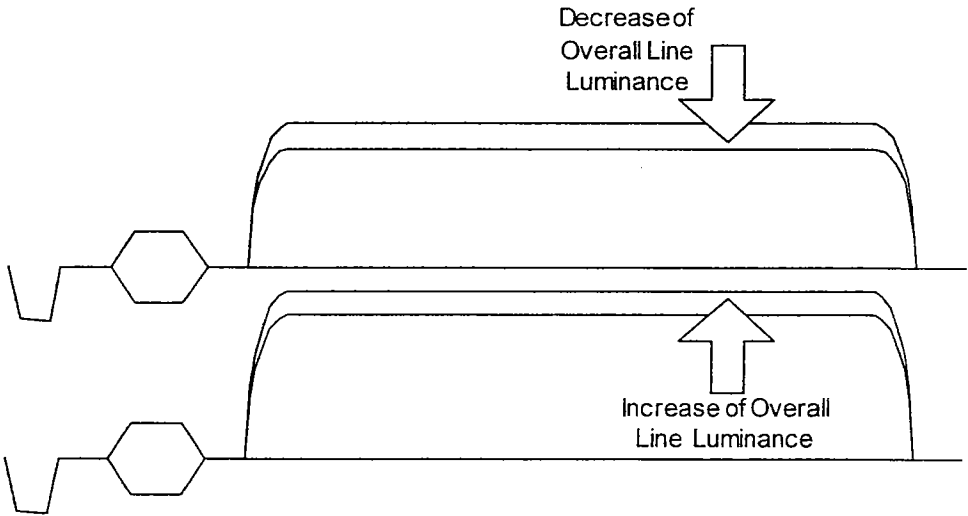


FIGURE 5

CGMS-A	RAM	Action	Redistribution
Copy Freely	Not present	Copying allowed	RC bit, else not controlled
Copy Freely	Present	Encrypted copy permitted	RC bit, else not allowed
Copy Once	Don't care	Encrypted "Copy No More" copy permitted	RC bit, else not allowed
Copy No More	Don't care	Copy not permitted, display only	RC bit, else not allowed
Copy Never	Don't care	Copy not permitted, display only	RC bit, else not allowed
Not present	Not present	Copying not controlled	Not controlled
Not present	Present	"Copy Never", copy not permitted, display only	Not allowed

Figure 4A

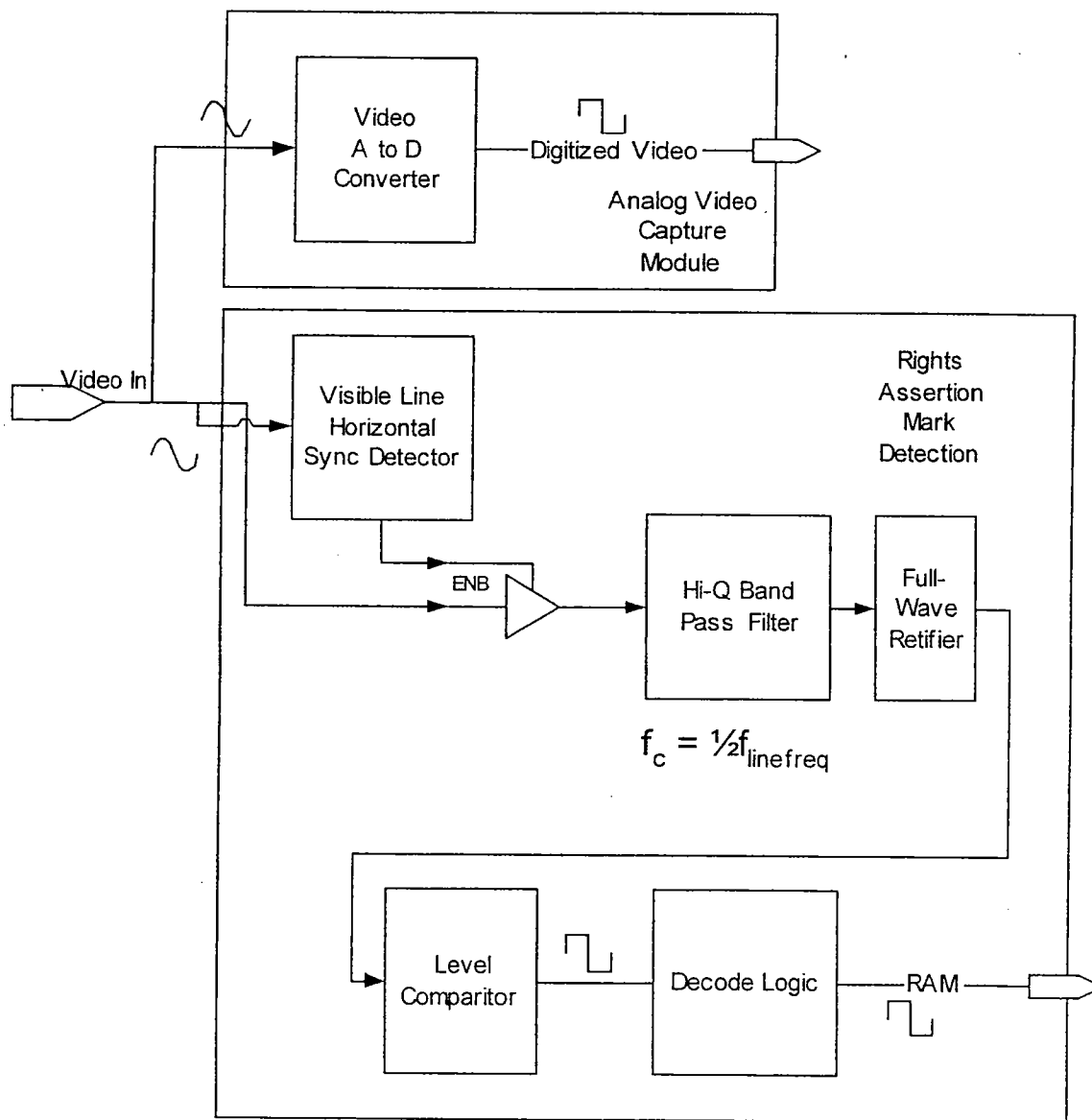


FIGURE 6

Detected State				Meaning					
CGMS-A				Copy Permission		Redistribution Permission		Copy to be Encrypted?	
P0	P1	RC		w/o VRAM	with VRAM	w/o VRAM	with VRAM	w/o VRAM	with VRAM
N	N	N		Copy Freely	Copy Never	Allowed	Not Allowed	No	(No Copies)
0	0	N		Copy Freely	Copy Freely	Allowed	Not Allowed	No	Yes
0	1	N		Copy No More	Copy No More	Not Allowed	Not Allowed	(No Copies)	(No Copies)
1	0	N		Copy Once	Copy Once	Not Allowed	Not Allowed	Yes	Yes
1	1	N		Copy Never	Copy Never	Not Allowed	Not Allowed	(No Copies)	(No Copies)
N	N	0		Copy Freely	Copy Never	Allowed	Allowed	No	(No Copies)
0	0	0		Copy Freely	Copy Freely	Allowed	Allowed	No	No
0	1	0		Copy No More	Copy No More	Invalid RC	Not Allowed	(No Copies)	(No Copies)
1	0	0		Copy Once	Copy Once	Invalid RC	Not Allowed	Yes	Yes
1	1	0		Copy Never	Copy Never	Invalid RC	Not Allowed	(No Copies)	(No Copies)
N	N	1		Copy Freely	Copy Never	Not Allowed	Not Allowed	Yes	(No Copies)
0	0	1		Copy Freely	Copy Freely	Not Allowed	Not Allowed	Yes	Yes
0	1	1		Copy No More	Copy No More	Not Allowed	Not Allowed	(No Copies)	(No Copies)
1	0	1		Copy Once	Copy Once	Not Allowed	Not Allowed	Yes	Yes
1	1	1		Copy Never	Copy Never	Not Allowed	Not Allowed	(No Copies)	(No Copies)

Key N = Not present
 Y = Present
 0 = Bit is 0
 1 = Bit is 1
 RC = Redistribution Control Descriptor
 P0, P1 = CGMS-A bits 1 and 2

N N 0 is an unlikely state

FIGURE 4B